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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
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Examiner Anderson 703-605-1157

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:46:39 ON 23 OCT 2002

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:47:00 ON 23 OCT 2002
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 OCT 2002 HIGHEST RN 464152-74-7
DICTIONARY FILE UPDATES: 22 OCT 2002 HIGHEST RN 464152-74-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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L1 STRUCTURE UPLOADED

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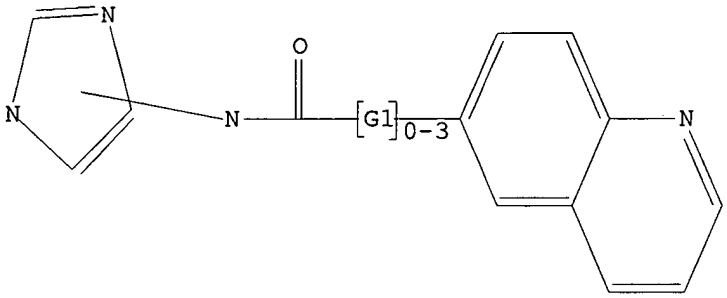
L1 HAS NO ANSWERS
L1 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED -   1381 TO ITERATE

 72.4% PROCESSED    1000 ITERATIONS                                  0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        25391 TO    29849
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

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FULL SCREEN SEARCH COMPLETED -  27979 TO ITERATE

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SEARCH TIME: 00.00.02

L3            5 SEA SSS FUL L1

=> d scan
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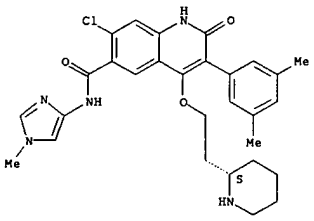
L3 5 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 6-Quinolinecarboxamide, 7-chloro-3-(3,5-dimethylphenyl)-1,2-dihydro-N-(1-methyl-1H-imidazol-4-yl)-2-oxo-4-[2-(2-piperidinyl)ethoxy]-, (S)- (9CI)
MF C29 H32 Cl N5 O3

Absolute stereochemistry.

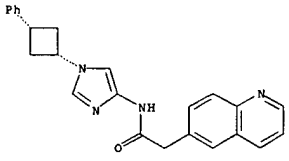


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

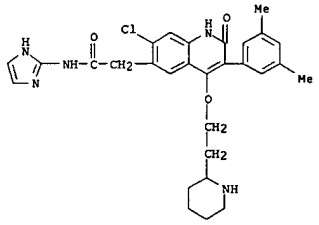
L3 5 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 6-Quinolineacetamide, N-[1-(cis-3-phenylcyclobutyl)-1H-imidazol-4-yl]-(9CI)
MF C24 H22 N4 O

Relative stereochemistry.



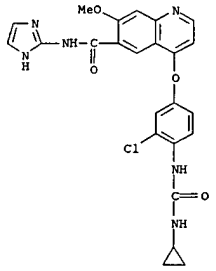
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 5 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 6-Quinolineacetamide, 7-chloro-3-(3,5-dimethylphenyl)-1,2-dihydro-N-1H-imidazol-2-yl-2-oxo-4-[2-(2-piperidinyl)ethoxy]- (9CI)
MF C29 H32 Cl N5 O3



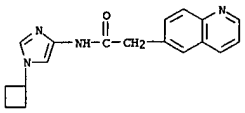
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 5 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 6-Quinolinecarboxamide, 4-[3-chloro-4-[[(cyclopropylamino)carbonyl]amino]phenoxy]-N-1H-imidazol-2-yl-7-methoxy- (9CI)
MF C24 H21 Cl N6 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 5 ANSWERS REGISTRY COPYRIGHT 2002 ACS
IN 6-Quinolineacetamide, N-(1-cyclobutyl-1H-imidazol-4-yl)- (9CI)
MF C18 H18 N4 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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=> fil caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   140.66     140.87

FILE 'CAPLUS' ENTERED AT 14:48:02 ON 23 OCT 2002
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FILE COVERS 1907 - 23 Oct 2002  VOL 137 ISS 17
FILE LAST UPDATED: 22 Oct 2002  (20021022/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

CAS roles have been modified effective December 16, 2001. Please
check your SDI profiles to see if they need to be revised. For
information on CAS roles, enter HELP ROLES at an arrow prompt or use
the CAS Roles thesaurus (/RL field) in this file.

=> s l3
L4            3 L3

=> d ibib abs hitstr 1-3
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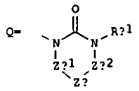
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:314913 CAPLUS
DOCUMENT NUMBER: 136:340689
TITLE: Preparation of urea derivatives containing nitrogenous aromatic ring compounds as inhibitors of angiogenesis
INVENTOR(S): Funahashi, Yasuhiro; Tsuruoka, Akihiko; Matsukura, Masayuki; Haneda, Toru; Fukuda, Yoshio; Kamata, Junichi; Takahashi, Keiko; Matsushima, Tomohiro; Miyazaki, Kazuki; Nomoto, Kenichi; Watanabe, Tatsuo; Obaishi, Hiroshi; Yamaguchi, Atsumi; Suzuki, Sachi; Nakamura, Katsuji; Mimura, Fusayo; Yamamoto, Yuji; Matsui, Junji; Matsui, Kenji; Yoshiba, Takako; Suzuki, Yasuyuki; Arimoto, Itaru
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: PCT Int. Appl., 699 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002032872	A1	20020425	WO 2001-JP9221	20011019
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001095986	A5	20020429	AU 2001-95986	20011019

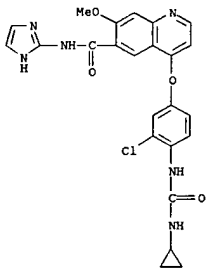
PRIORITY APPLN. INFO.: JP 2000-320420 A 20001020
JP 2000-386195 A 20001220
JP 2001-46685 A 20010222
WO 2001-JP9221 W 20011019
OTHER SOURCE(S): MARPAT 136:340689
GI



AB N-aryl or N-heteroarylurea derivs. represented by the general formula Ag-Xg-Yg-Tg1 or salts thereof, or hydrates of both [wherein Ag = (un)substituted C6-14 aryl or 5- to 14-membered heterocyclic group; Xg = single bond, O, S, C1-6 alkylene, SO, SO2, (un)substituted NH; Yg = (un)substituted C6-14 aryl, 5- to 14-membered heterocyclic group, C1-8 alkyl, C3-8 alicyclic hydrocarbyl, C6-14 aryl-C1-6 alkyl, 5- to 14-membered heteroaryl-C1-6 alkyl, (CH2)gSO2 (g = 1-8), (CH2)faCH:CH(CH2)fb (fa, fb = 0, 1,2,3), etc.; and Tg1 = a group of the general formula -Eg-CO-NRg1(Zg) or Q; wherein Eg = a single bond, (un)substituted NH; Rg1 = H, (un)substituted C1-6 alkyl, C2-6 alkenyl, C2-6 alkynyl, C3-8 aliph. hydrocarbyl, etc.; Zg = C1-8 alkyl, C3-8 alicyclic hydrocarbyl, C6-14 aryl, etc.; Zg1, Zg2 = (a) a single bond, (b) C1-6 alkylene optionally having .gtoreq.1 atoms selected from O, S, and N in the middle or the terminus of the chain and optionally substituted with oxo, (c) (un)substituted C2-6 alkenyl] are prepd. These compds. are also inhibitors of vascular endothelial growth factor receptor kinase (VEGFR2 kinase) and are useful as antitumor agents against hemangioma, pancreatic cancer, stomach cancer, colon cancer, breast cancer, prostate cancer, lung cancer, brain tumor, leukemia, or ovarian cancer, as cancer metastasis inhibitors, and for the treatment of retina neovascularization, diabetic retinopathy, atherosclerosis, or inflammatory diseases such as osteoarthritis, rheumatoid arthritis, psoriasis, or delayed hypersensitivity. Thus, to soln. of 334 mg 4-[6-(4-benzyloxyphenyl)-7-(2-trimethylsilylethoxymethyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yloxy]-2-chlorophenylamine in 4 mL DMF were added 0.066 mL pyridine and 0.102 mL Ph chlorocarbonate and stirred at room temp. for 2.5 h to give 330 mg N-[4-[6-(4-benzyloxyphenyl)-7-(2-trimethylsilylethoxymethyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yloxy]-2-chlorophenyl]-N'-cyclopropylurea which (260 mg) was hydrogenolyzed over platinum oxide in ethanol overnight to give 160 mg N-[4-[6-(4-hydroxyphenyl)-7-(2-trimethylsilylethoxymethyl)-7H-pyrrolo[2,3-d]pyrimidin-4-yloxy]-2-chlorophenyl]-N'-cyclopropylurea (I). I showed IC50 of 0.02 nM for inhibiting the vascular endothelial growth factor (VEGF)-stimulated sandwich tube formation in vascular endothelial cell.

IT 417717-30-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of urea derivs. contg. nitrogenous arom. ring compds. as angiogenesis inhibitors for prevention or treatment of diseases)
RN 417717-30-7 CAPLUS
CN 6-Quinolinecarboxamide, 4-[3-chloro-4-[[(cyclopropylamino)carbonyl]amino]phenoxy]-N-1H-imidazol-2-yl-7-methoxy- (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:107322 CAPLUS
DOCUMENT NUMBER: 136:151165
TITLE: Preparation of acylaminoimidazoles as inhibitors of cdk5, cdk2, and GSK-3.
INVENTOR(S): Ahlijanian, Michael Kirk; Cooper, Christopher Blair; Helal, Christopher John; Lau, Lit-Fui; Menniti, Frank Samuel; Sanner, Mark Allen; Seymour, Patricia Ann; Villalobos, Anabella
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010141	A1	20020207	WO 2001-IB1335	20010725
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002119963	A1	20020829	US 2001-919630	20010731

PRIORITY APPLN. INFO.: US 2000-221724P P 20000731
US 2000-228394P P 20000828
US 2000-229437P P 20000831
OTHER SOURCE(S): MARPAT 136:151165
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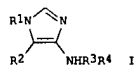
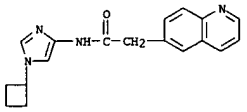


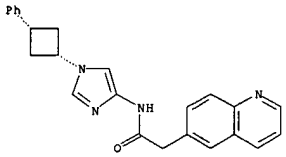
AB Title compds. [I; R1 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R2 = H, F, Me, CN, CO2R7; R3 = CONR9, CO2, CO(CR10R11)n, (CR10R11)n; R4 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R7-R9 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocyclyl, etc.; R10, R11 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, aryl, etc.], were prepd. Thus, 1-cyclobutyl-4-nitro-1H-imidazole (prepn. given), was hydrogenated in EtOAc over Pd/C for 6 h under 50 psi H2. After filtration Et3N was added and the soln. was cooled to -10.degree. followed by addn. of 6-quinolylacetic acid and tripropylphosphonic anhydride in EtOAc. The mixt. was stirred 2 h at -10.degree. to give 47% N-(1-cyclobutyl-1H-imidazol-4-yl)-2-quinolin-6-ylacetamide. Tested I inhibited GSK-3.beta.

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)
with IC50 .ltoreq.50 .mu.M.
IT **395074-48-3P 395074-50-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of acylaminoimidazoles as inhibitors of cdk5, cdk2, and GSK-3)
RN 395074-48-3 CAPLUS
CN 6-Quinolineacetamide, N-(1-cyclobutyl-1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



RN 395074-50-7 CAPLUS
CN 6-Quinolineacetamide, N-[1-(cis-3-phenylcyclobutyl)-1H-imidazol-4-yl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



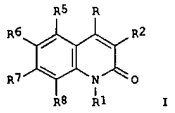
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1997:776166 CAPLUS
DOCUMENT NUMBER: 128:48236
TITLE: Preparation of 4-aminoalkoxy-2-quinolones and analogs as gonadotropin releasing hormone antagonists
INVENTOR(S): Goulet, Mark; Allen, Eric E.; Devita, Robert J.; Jiang, Jinlong; Walsh, Thomas F.; Young, Jonathan R.; Wyvratt, Matthew J., Jr.; Toupence, Richard B.; Ujjainwalla, Feroze; et al.
PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Goulet, Mark; Allen, Eric E.; Devita, Robert J.; Jiang, Jinlong; Walsh, Thomas F.; Young, Jonathan R.; Wyvratt, Matthew J., Jr.; Toupence, Richard B.
SOURCE: PCT Int. Appl., 150 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9744339	A1	19971127	WO 1997-US8432	19970516
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2254769	AA	19971127	CA 1997-2254769	19970516
AU 9730089	A1	19971209	AU 1997-30089	19970516
AU 710926	B2	19990930		
EP 901489	A1	19990317	EP 1997-924758	19970516
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2000511532	T2	20000905	JP 1997-542616	19970516
ZA 9704321	A	19971120	ZA 1997-4321	19970519
US 6150352	A	20001121	US 1998-180662	19981112

PRIORITY APPLN. INFO.: US 1996-17959P P 19960520
GB 1996-12796 A 19960619
WO 1997-US8432 W 19970516

OTHER SOURCE(S): MARPAT 128:48236
GI

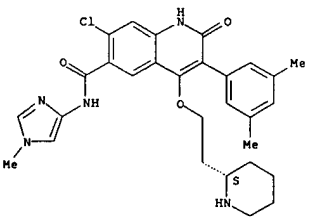


I

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)

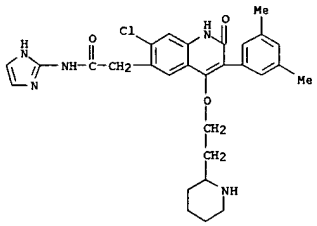
AB Title compds. [I; R = Z122CR9R9aZ3NR10R11; R1 = H, (ar)alkyl, aryl, etc.; R2 = (un)substituted Ph; R5-R8 = H, halo, alkyl, (hetero)aryl, etc.; CR9,R9a,R10 = H, (ar)alkyl, aryl, etc.; R9R10 = atoms to complete a ring; R11 = H, alkyl, alkoxycarbonyl(alkyl), etc.; Z1 = bond, O, SO0-2, CH2, (alkyl)imino, etc.; Z2 = bond, C1-C6 alkyl (sic), C1-C6 alkoxy (sic), etc.; Z3 = bond, substituted C1-C6 alkyl (sic)] were prepd. as gonadotropin releasing hormone antagonists (no data). Thus, 4,2-Cl(AcHN)C6H3CO2Me 5-iodinated and deacetylated and the product N-acylated by 3,5-Me2C6H3COCl to give, after allylation and cyclization, I (R1 = R5 = R8 = H, R2 = C6H3Me2-3,5, R7 = Cl)(II; R = OH, R6 = allyl) which was etherified by 1-tert-butoxycarbonyl-2-piperidineethanol to give II [R = 2-(1-tert-butoxycarbonyl-2-piperidinyl)ethoxy, R6 = allyl]. The latter was oxidized and the product amidated by pyrrolidine to give, after deprotection, II [R = 2-(2-piperidinyl)ethoxy, R6 = pyrrolidinocarbonyl].
IT **199860-18-9P 199860-38-3P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of 4-aminoalkoxy-2-quinolones and analogs as gonadotropin releasing hormone antagonists)
RN 199860-18-9 CAPLUS
CN 6-Quinolinecarboxamide, 7-chloro-3-(3,5-dimethylphenyl)-1,2-dihydro-N-(1-methyl-1H-imidazol-4-yl)-2-oxo-4-[2-(2-piperidinyl)ethoxy]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 199860-38-3 CAPLUS
CN 6-Quinolineacetamide, 7-chloro-3-(3,5-dimethylphenyl)-1,2-dihydro-N-1H-imidazol-2-yl-2-oxo-4-[2-(2-piperidinyl)ethoxy]- (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS (Continued)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.54	156.41

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.86	-1.86

STN INTERNATIONAL LOGOFF AT 14:51:49 ON 23 OCT 2002

Welcome to STN International! Enter x:x

LOGINID:ssspta1600rxa

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28	Oct 21	EVENTLINE has been reloaded

NEWS EXPRESS	October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 14:12:25 ON 23 OCT 2002

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 14:12:38 ON 23 OCT 2002

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 OCT 2002 HIGHEST RN 464152-74-7
DICTIONARY FILE UPDATES: 22 OCT 2002 HIGHEST RN 464152-74-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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Uploading 09919630.str

L1 STRUCTURE UPLOADED

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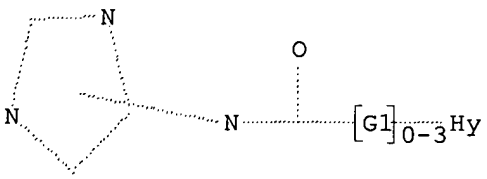
L1 HAS NO ANSWERS
L1 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

Examiner Anderson 703-605-1157

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SAMPLE SEARCH INITIATED 14:13:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -  21237 TO ITERATE

  4.7% PROCESSED    1000 ITERATIONS                          19 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       416039 TO   433441
PROJECTED ANSWERS:            6865 TO     9275

L2           19 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 14:13:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 424409 TO ITERATE

 73.1% PROCESSED  310344 ITERATIONS                        1015 ANSWERS

 94.2% PROCESSED  400000 ITERATIONS                        5936 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.31

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       424409 TO   424409
PROJECTED ANSWERS:            6060 TO     6536

L3         5936 SEA SSS FUL L1

=>
Uploading 09919630.str

L4      STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4              STR
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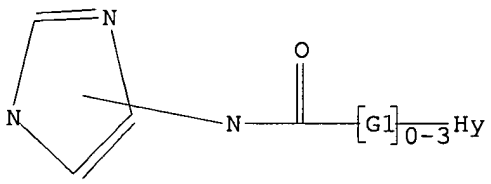


```
G1 C,O,N


Structure attributes must be viewed using STN Express query preparation.


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FULL SUBSET SEARCH INITIATED 14:14:47 FILE 'REGISTRY'
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FULL SUBSET SCREEN SEARCH COMPLETED - 5936 TO ITERATE

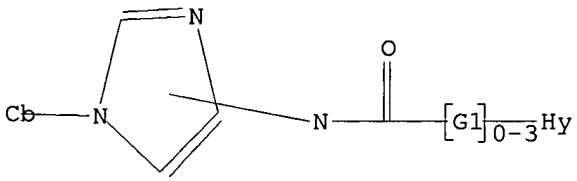
100.0% PROCESSED 5936 ITERATIONS 5848 ANSWERS
SEARCH TIME: 00.00.09

L5 5848 SEA SUB=L3 SSS FUL L4

=>
Uploading 09919630.str

L6 STRUCTURE UPLOADED

=> d
L6 HAS NO ANSWERS
L6 STR



G1 C,O,N

Structure attributes must be viewed using STN Express query preparation.

=> s l6 subset=l5 full
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FULL SUBSET SCREEN SEARCH COMPLETED - 5848 TO ITERATE

100.0% PROCESSED 5848 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.10

L7 25 SEA SUB=L5 SSS FUL L6

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 207.90 208.11

FILE 'CAPLUS' ENTERED AT 14:15:49 ON 23 OCT 2002

FILE COVERS 1907 - 23 Oct 2002 VOL 137 ISS 17
FILE LAST UPDATED: 22 Oct 2002 (20021022/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

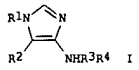
=> s l7
L8 5 L7

=> d ibib abs hitstr 1-5

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:107322 CAPLUS
DOCUMENT NUMBER: 136:151165
TITLE: Preparation of acylaminoimidazoles as inhibitors of cdk5, cdk2, and GSK-3.
INVENTOR(S): Ahlijanian, Michael Kirk; Cooper, Christopher Blair; Helal, Christopher John; Lau, Lit-Fui; Menniti, Frank Samuel; Sanner, Mark Allen; Seymour, Patricia Ann; Villalobos, Anabella
PATENT ASSIGNEE(S): Pfizer Products Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

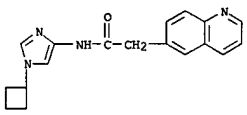
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010141	A1	20020207	WO 2001-IB1335	20010725
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002119963	A1	20020829	US 2001-919630	20010731

PRIORITY APPLN. INFO.: US 2000-221724P P 20000731
US 2000-228394P P 20000828
US 2000-229437P P 20000831
OTHER SOURCE(S): MARPAT 136:151165
GI



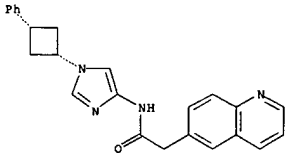
AB Title compds. {I; R1 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R2 = H, F, Me, CN, CO2R7; R3 = CONR9, CO2, CO(CR10R11)n, (CR10R11)n; R4 = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, bicycloalkenyl, heterobicycloalkyl, aryl, heteroaryl; R7-R9 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocyclyl, etc.; R10, R11 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, bicycloalkyl, aryl, etc.}, were prepd. Thus, 1-cyclobutyl-4-nitro-1H-imidazole (prepn. given), was hydrogenated in EtOAc over Pd/C for 6 h under 50 psi H2. After filtration

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)
Et3N was added and the soln. was cooled to -10.degree. followed by addn. of 6-quinolylacetic acid and tripropylphosphonic anhydride in EtOAc. The mixt. was stirred 2 h at -10.degree. to give 47% N-(1-cyclobutyl-1H-imidazol-4-yl)-2-quinolin-6-ylacetamide. Tested I inhibited GSK-3.beta. with IC50 .ltoreq.50 .mu.M.
IT **395074-48-3P 395074-50-7P 395074-52-9P,**
N-(1-Cyclobutyl-1H-imidazol-4-yl)-N'-(isoquinolin-5-yl)urea
395074-73-4P 395074-74-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of acylaminoimidazoles as inhibitors of cdk5, cdk2, and GSK-3)
RN 395074-48-3 CAPLUS
CN 6-Quinolineacetamide, N-(1-cyclobutyl-1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



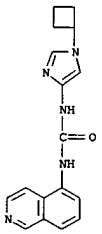
RN 395074-50-7 CAPLUS
CN 6-Quinolineacetamide, N-[1-(cis-3-phenylcyclobutyl)-1H-imidazol-4-yl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



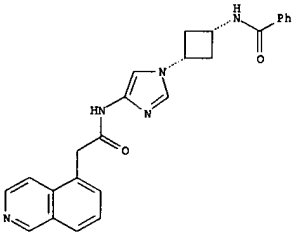
RN 395074-52-9 CAPLUS
CN Urea, N-(1-cyclobutyl-1H-imidazol-4-yl)-N'-5-isoquinolinyl- (9CI) (CA INDEX NAME)

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 395074-73-4 CAPLUS
CN 5-Isoquinolineacetamide, N-[1-[cis-3-(benzoylamino)cyclobutyl]-1H-imidazol-4-yl]- (9CI) (CA INDEX NAME)

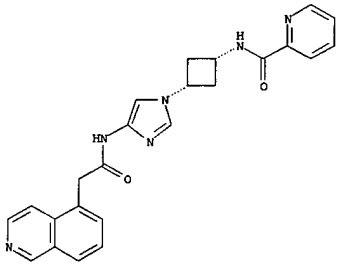
Relative stereochemistry.



RN 395074-74-5 CAPLUS
CN 5-Isoquinolineacetamide, N-[1-[cis-3-[(2-pyridinylcarbonyl)amino]cyclobutyl]-1H-imidazol-4-yl]- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:152682 CAPLUS
DOCUMENT NUMBER: 134:207809
TITLE: Preparation of spiroisoindolinepiperidines, spiroisoquinolinepiperidines, spiroisobenzofuranpiperidines, and related compounds as neuropeptide Y antagonists.
INVENTOR(S): Fukami, Takehiro; Kanatani, Akio; Ishihara, Akane; Ishii, Yasuyuki; Takahashi, Toshiyuki; Haga, Yuji; Sakamoto, Toshihiro; Itoh, Takahiro
PATENT ASSIGNEE(S): Banyu Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 164 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001014376	A1	20010301	WO 2000-JP5427	20000811
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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EP 1204663	A1	20020515	EP 2000-951971	20000811
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US 6326375	B1	20011204	US 2000-640784	20000818
US 6335345	B1	20020101	US 2001-928431	20010814
US 2002052371	A1	20020502	US 2001-983598	20011025
US 6388077	B2	20020514		
NO 2002000814	A	20020415	NO 2002-814	20020219
US 6462053	B1	20021008	US 2002-101221	20020320

PRIORITY APPLN. INFO.: JP 1999-233573 A 19990820
JP 2000-137692 A 20000510
WO 2000-JP5427 W 20000811
US 2000-640784 A3 20000818
US 2001-983598 A3 20011025

OTHER SOURCE(S): MARPAT 134:207809
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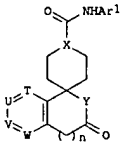
L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



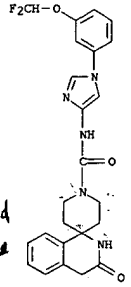
I

AB Title compds. [I; Ar1 = (substituted) aryl, heteroaryl, QAr2; Ar2 = (substituted) aryl, heteroaryl; Q = bond, CO; T, U, V, W = N, (substituted) CH; X = N, CH; Y = (substituted) imino], were prepd. Thus, N-tert-butoxycarbonyl-4-piperidone was refluxed 3 h with PhCH2NH2 in PhMe to give a residue which was stirred with o-iodobenzoyl chloride and Et3N in PhMe at 80.degree. for 2 h to give N-benzyl-N-(1-tert-butoxycarbonyl-1,2,3,6-tetrahydropyridin-4-yl)-2-iodobenzamide. The latter was heated with Pd(OAc)2, Ph3P, K2CO3, and Et4NCl in MeCN at 80.degree. for 6 h to give 2-benzyl-1'-tert-butoxycarbonyl-1',6'-dihydrospiro[1H-isoindole-1,4'(5'H)-pyridine]-3(2H)-one. This was converted to N-(4-benzoylphenyl)-3-oxospiro[isoindoline-1,4'-piperidine]-1'-carboxamide, (II), which inhibited [125I]peptide YY binding to NPY Y5 receptors with IC50 = 1.2 nM. II drug formulations are given.

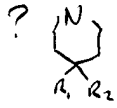
IT **328232-09-3P 328232-12-8P 328232-31-1P**
328232-33-3P 328232-43-5P 328232-45-7P
328232-47-9P 328232-50-4P 328232-85-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of spiroisoindolinepiperidines, spiroisoquinolinepiperidines, spiroisobenzofuranpiperidines, and related compds. as neuropeptide Y antagonists)

RN 328232-09-3 CAPLUS
CN Spiro[isoquinoline-1(2H),4'-piperidine]-1'-carboxamide, N-[1-[3-(difluoromethoxy)phenyl]-1H-imidazol-4-yl]-3,4-dihydro-3-oxo- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)

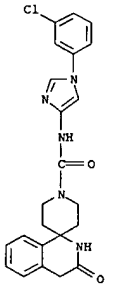


heterocycle substituted by heterobicycle



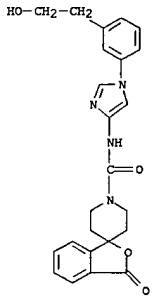
R1 aR2 can form a ring

RN 328232-12-8 CAPLUS
CN Spiro[isoquinoline-1(2H),4'-piperidine]-1'-carboxamide, N-[1-(3-chlorophenyl)-1H-imidazol-4-yl]-3,4-dihydro-3-oxo- (9CI) (CA INDEX NAME)

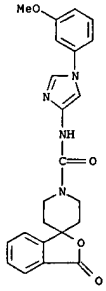


RN 328232-31-1 CAPLUS
CN Spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, N-[1-[3-(2-hydroxyethyl)phenyl]-1H-imidazol-4-yl]-3-oxo- (9CI) (CA INDEX NAME)

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



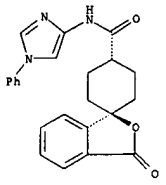
RN 328232-33-3 CAPLUS
CN Spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, N-[1-(3-methoxyphenyl)-1H-imidazol-4-yl]-3-oxo- (9CI) (CA INDEX NAME)



RN 328232-43-5 CAPLUS
CN Spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide, 3'-oxo-N-(1-phenyl-1H-imidazol-4-yl)-, trans- (9CI) (CA INDEX NAME)

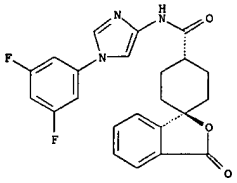
Relative stereochemistry.

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 328232-45-7 CAPLUS
CN Spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide, N-[1-(3,5-difluorophenyl)-1H-imidazol-4-yl]-3'-oxo-, trans- (9CI) (CA INDEX NAME)

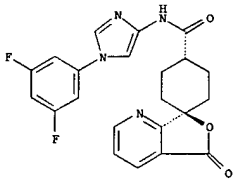
Relative stereochemistry.



RN 328232-47-9 CAPLUS
CN Spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide, N-[1-(2-fluorophenyl)-1H-imidazol-4-yl]-3'-oxo-, trans- (9CI) (CA INDEX NAME)

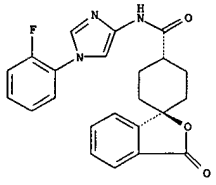
Relative stereochemistry.

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



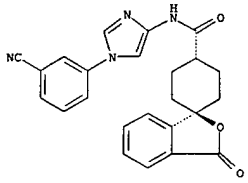
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 328232-50-4 CAPLUS
CN Spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide, N-[1-(3-cyanophenyl)-1H-imidazol-4-yl]-3'-oxo-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 328232-85-5 CAPLUS
CN Spiro[cyclohexane-1,7'(5'H)-furo[3,4-b]pyridine]-4-carboxamide, N-[1-(3,5-difluorophenyl)-1H-imidazol-4-yl]-5'-oxo-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

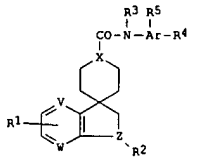
L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:335409 CAPLUS
DOCUMENT NUMBER: 132:334474
TITLE: Preparation of spiroindolines as Y5 receptor antagonists
INVENTOR(S): Gao, Ying-duo; Macneil, Douglas J.; Yang, Lihu; Morin, Nancy R.; Fukami, Takehiro; Kanatani, Akio; Fukuroda, Takahiro; Ishii, Yasuyuki; Morin, Masaki
PATENT ASSIGNEE(S): Merck & Co., Inc., USA; Banyu Pharmaceutical Co., Ltd.; et al.
SOURCE: PCT Int. Appl., 130 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000027845	A1	20000518	WO 1999-US26447	19991108
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6191160	B1	20010220	US 1999-436120	19991108
EP 1129089	A1	20010905	EP 1999-971808	19991108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6313298	B1	20011106	US 2000-656698	20000907
US 2002058813	A1	20020516	US 2001-896940	20010629

PRIORITY APPLN. INFO.: US 1998-107835P P 19981110
US 1999-436120 A3 19991108
WO 1999-US26447 W 19991108
US 2000-656698 A3 20000907

OTHER SOURCE(S): MARPAT 132:334474
GI



I

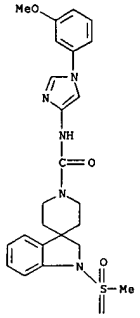
AB The title compds. I [V, W, X, Z = CH, N; R1 = H, alkyl, etc.; R2 = CHO,

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)
etc.; R3 = H, alkyl; Ar = aryl, heteroaryl; R4, R5 = H, nitro, etc.] are prepd. I are useful in the treatment of obesity and the complications assocd. therewith. 1-Methanesulfonyl-N-(5-phenyl-2-pyrazinyl)spiro[indoline-3,4'-piperidine]-1'-carboxamide at 3 mg/kg suppressed bovine pancreatic polypeptide-induced food intake in rats. Formulations are given.

IT **268537-17-3P 268537-18-4P 268537-35-5P**
268537-36-6P 268537-50-4P 268537-51-5P
268537-64-0P 268537-65-1P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of spiroindolines as Y5 receptor antagonists)

RN 268537-17-3 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, 1,2-dihydro-N-[1-(3-methoxyphenyl)-1H-imidazol-4-yl]-1-(methylsulfonyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



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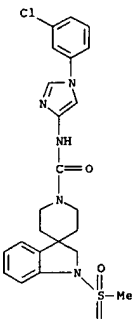
RN 268537-18-4 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, N-[1-(3-chlorophenyl)-1H-imidazol-4-yl]-1,2-dihydro-1-(methylsulfonyl)- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

RN 268537-35-5 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, 1-(ethylsulfonyl)-1,2-dihydro-N-[1-(3-methoxyphenyl)-1H-imidazol-4-yl]- (9CI) (CA INDEX NAME)

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)

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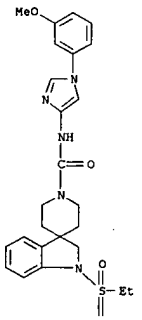
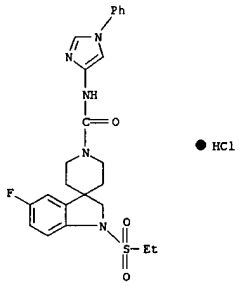


PAGE 2-A

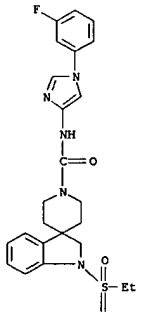
RN 268537-36-6 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, 1-(ethylsulfonyl)-5-fluoro-1,2-dihydro-N-(1-phenyl-1H-imidazol-4-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 268537-50-4 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, 1-(ethylsulfonyl)-N-[1-(3-fluorophenyl)-1H-imidazol-4-yl]-1,2-dihydro- (9CI) (CA INDEX NAME)

PAGE 1-A



L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)

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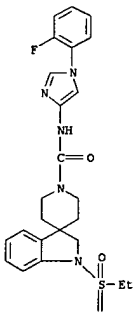
RN 268537-51-5 CAPLUS
CN Spiro[3H-indole-3,4'-piperidine]-1'-carboxamide, 1-(ethylsulfonyl)-N-[1-(2-fluorophenyl)-1H-imidazol-4-yl]-1,2-dihydro- (9CI) (CA INDEX NAME)

PAGE 1-A

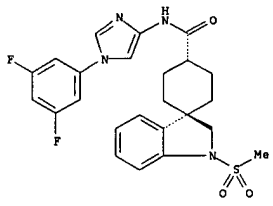


PAGE 2-A

RN 268537-64-0 CAPLUS
CN Spiro[cyclohexane-1,3'-[3H]indole]-4-carboxamide, N-[1-(3,5-difluorophenyl)-1H-imidazol-4-yl]-1',2'-dihydro-1'-(methylsulfonyl)-, trans- (9CI) (CA INDEX NAME)

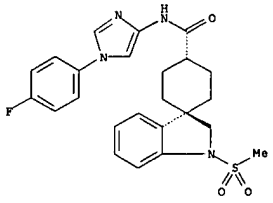
Relative stereochemistry.

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 268537-65-1 CAPLUS
CN Spiro[cyclohexane-1,3'-[3H]indole]-4-carboxamide, N-[1-(4-fluorophenyl)-1H-imidazol-4-yl]-1',2'-dihydro-1'-(methylsulfonyl)-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2002 ACS

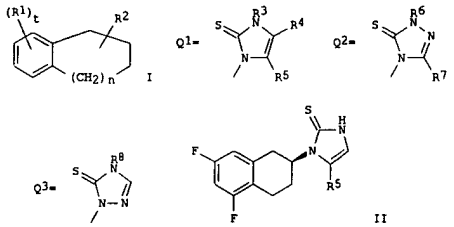
ACCESSION NUMBER: 1996:524249 CAPLUS
DOCUMENT NUMBER: 125:195657
TITLE: Benzocycloalkylazolethione derivatives useful as dopamine .beta.-hydroxylase inhibitors.
INVENTOR(S): Martinez, Gregory R.; Gooding, Owen W.; Repke, David B.; Teitelbaum, Philip J.; Walker, Keith A. M.; Whiting, Roger L.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 55 pp., Cont.-in-part of U.S. Ser. No. 233,835, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5538988	A	19960723	US 1995-403209	19950317
CA 2188748	AA	19951102	CA 1995-2188748	19950425
WO 9529165	A2	19951102	WO 1995-US4783	19950425
WO 9529165	A3	19951207		
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, UG, UZ				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9522947	A1	19951116	AU 1995-22947	19950425
AU 687192	B2	19980219		
ZA 9503356	A	19961025	ZA 1995-3356	19950425
EP 757677	A1	19970212	EP 1995-916449	19950425
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1151735	A	19970611	CN 1995-193567	19950425
HU 76295	A2	19970728	HU 1996-2946	19950425
BR 9507517	A	19970916	BR 1995-7517	19950425
JP 09512269	T2	19971209	JP 1995-527727	19950425
RU 2145321	C1	20000210	RU 1996-122779	19950425
IL 113480	A1	20000629	IL 1995-113480	19950425
IL 125561	A1	20001031	IL 1995-125561	19950425
CZ 290082	B6	20020515	CZ 1996-3109	19950425
FI 9604312	A	19961220	FI 1996-4312	19961025
NO 9604552	A	19961227	NO 1996-4552	19961025
US 5719280	A	19980217	US 1997-833560	19970407
AU 9740994	A1	19980108	AU 1997-40994	19971014
AU 700600	B2	19990107		

PRIORITY APPLN. INFO.:
US 1994-233835 B2 19940426
US 1994-233655 A 19940426
US 1995-403209 A 19950317
IL 1995-113480 A3 19950425
WO 1995-US4783 W 19950425
US 1996-639387 B1 19960429

OTHER SOURCE(S): MARPAT 125:195657
GI

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



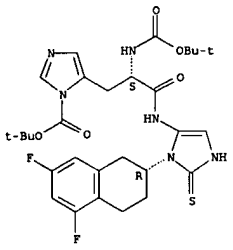
AB The invention relates to novel benzocycloalkylazolethiones I [n = 0-2; t = 0-3; R1 = halo, OH, alkoxy; R2 = imidazole group Q1 or triazole group Q2 or Q3; R3 = H, (un)substituted NH2, (CH2)qR9, etc.; q = 0-4; R4 = H, alkyl, CO2H, carbamoyl, etc.; R5 = H, (un)substituted NH2, etc.; R6 = H, CH2CH2CO2H, CH2CH2CONH2, etc.; R7 = H, (un)substituted CH2NH2; R8 = groups given for R6, or (un)substituted NH2; R9 = CO2H or derivs., (un)substituted aryl or heteroaryl, etc.] and related compds. The compds. are are dopamine .beta.-hydroxylase inhibitors, and are thus peripheral vasodilators useful in the treatment of hypertension and congestive heart failure (no data). For example, (S)-5,7-difluoro-1,2,3,4-tetrahydronaphthalen-2-ylamine-HCl [prepn. given] reacted with formaldehyde-Na bisulfite complex and KCN to give the N-(cyanomethyl) deriv., which underwent N-formylation with HCO2Bu, .alpha.-condensation with HCO2Et, and cyclization with KSCN, to give title compd. II [R5 = cyano]. This was reduced with LiAlH4 in THF to give II [R5 = CH2NH2].

IT **180915-04-2P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; prepn. of benzocycloalkylazolethione derivs. as dopamine .beta.-hydroxylase inhibitors)

RN 180915-04-2 CAPLUS
CN 1H-Imidazole-1-carboxylic acid, 5-[3-[[3-(5,7-difluoro-1,2,3,4-tetrahydro-2-naphthalenyl)-2,3-dihydro-2-thioxo-1H-imidazol-4-yl]amino]-2-[[(1,1-dimethylethoxy)carbonyl]amino]-3-oxopropyl]-, 1,1-dimethylethyl ester, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

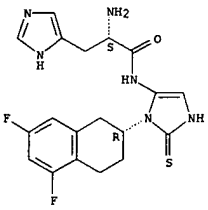
Absolute stereochemistry.

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)



IT **180914-64-1P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of benzocycloalkylazolethione derivs. as dopamine .beta.-hydroxylase inhibitors)
RN 180914-64-1 CAPLUS
CN 1H-Imidazole-4-propanamide, .alpha.-amino-N-[3-(5,7-difluoro-1,2,3,4-tetrahydro-2-naphthalenyl)-2,3-dihydro-2-thioxo-1H-imidazol-4-yl]-, monohydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2002 ACS (Continued)

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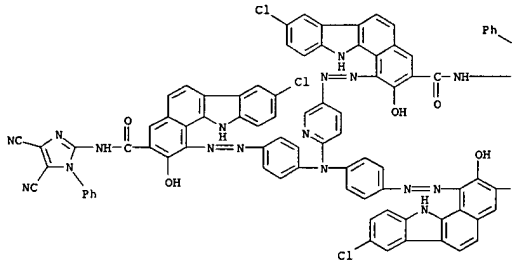
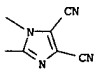
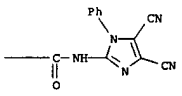


PAGE 1-B

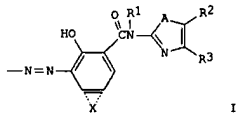




L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1990:169056 CAPLUS
DOCUMENT NUMBER: 112:169056
TITLE: Electrophotographic photoreceptor with photoconductive layer containing azo pigment
INVENTOR(S): Kashizaki, Yoshiro
PATENT ASSIGNEE(S): Canon K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01217358	A2	19890830	JP 1988-41952	19880226
JP 05024508	B4	19930408		
US 4975349	A	19901204	US 1989-315812	19890227
PRIORITY APPLN. INFO.:			JP 1988-41952	19880226

GI



I

AB In the title photoreceptor, a photoconductive layer contains an azo pigment having an org. moiety of the structure I [X = an arom. hydrocarbon, an arom. heterocyclic group; A = NR4 where R4 = H, alkyl, aralkyl, aryl; R1 = H, alkyl, aralkyl, aryl; R2, R3 = H, alkyl, aralkyl, carbamoyl, aryl, heterocyclyl, halogen, NO2, acyl, CN; R2 and R3 together may form a ring]. The pigment is contained in a charge-generating layer. The photoreceptor contg. I shows improved sensitivity, durability and chargeability.

IT **126198-51-4**
RL: USES (Uses)
(charge-generating material, electrophotog. photoreceptor contg.)
RN 126198-51-4 CAPLUS
CN 11H-Benzo[a]carbazole-3-carboxamide, 1,1'-[[[5-[[8-chloro-3-[[(4,5-dicyano-1-phenyl-1H-imidazol-2-yl)amino]carbonyl]-2-hydroxy-11H-benzo[a]carbazol-1-yl]azo]-2-pyridinyl]imino]bis(4,1-phenyleneazo)]bis[8-chloro-N-(4,5-dicyano-1-phenyl-1H-imidazol-2-yl)-2-hydroxy- (9CI) (CA INDEX NAME)

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	26.70	234.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.10	-3.10

STN INTERNATIONAL LOGOFF AT 14:23:09 ON 23 OCT 2002